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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/620,136
Filing Date	07/15/2003
First Named Inventor	Simpson et al
Art Unit	3747
Examiner Name	Jaime W. Corrigan
Attorney Docket Number	BW-DKT00010A

Total Number of Pages in This Submission

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ENCLOSURES

(Check all that apply)

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| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input checked="" type="checkbox"/> After Allowance communication to Technology Center (TC) |
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| <input checked="" type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation | <input type="checkbox"/> Status Letter |
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENTFirm
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Brown & Michaels, PC

Signature

Date

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Signature

Judy H. Barron

Date

August 13, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

August 13, 2004

Serial No. 10/620,136
Applicants: Roger T. Simpson et al
Filed: 07/15/2003
Title: CAM TORQUE ACTUATED (CTA) VARIABLE CAM TIMING
(VCT) SYSTEM MODIFICATIONS TO INCREASE CAM
TORSIONALS FOR ENGINES (E.G. 4-CYLINDER) HAVING
LIMITED INHERENT TORSIONALS.
Art Unit: 3747
Examiner: Jaime W. Corrigan
Confirmation Number: 8461
Attorney Docket No.: BW-DKT00010A

HONORABLE COMMISSIONER OF PATENTS
Alexandria, VA 22313-1450

**AMENDMENT
AND RESPONSE TO OFFICE ACTION**

In response to the Office Action dated 06/17/2004, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.

CERTIFICATE OF MAILING

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Date: 8-13-04

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